

Pasteurized & Homogenized Milk Samples Chemical Results

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Set: 261011 DATE: 03/09/26

| Sample Number | Mojonnier Fat% | Total Solids% | Total N Protein% | CALCULATED VALUES** | | | |
|---------------------|----------------|---------------|------------------|---------------------|-------------|---------------|-------------------|
| | | | | True Protein% | SNF% | Other Solids% | By Diff. Lactose% |
| 1 | 0.09 | 9.58 | 3.72 | 3.54 | 9.49 | 5.77 | 4.99 |
| 2 | 0.25 | 9.75 | 3.74 | 3.56 | 9.50 | 5.76 | 4.98 |
| 3 | 0.48 | 9.98 | 3.74 | 3.56 | 9.49 | 5.75 | 4.98 |
| 4 | 0.72 | 10.21 | 3.75 | 3.57 | 9.49 | 5.74 | 4.96 |
| 5 | 1.03 | 10.56 | 3.75 | 3.56 | 9.53 | 5.78 | 5.01 |
| 6 | 1.28 | 10.77 | 3.74 | 3.56 | 9.48 | 5.74 | 4.98 |
| 7 | 1.66 | 11.14 | 3.72 | 3.54 | 9.48 | 5.76 | 4.99 |
| 8 | 1.94 | 11.37 | 3.71 | 3.53 | 9.43 | 5.72 | 4.95 |
| 9 | 2.34 | 11.71 | 3.69 | 3.51 | 9.37 | 5.68 | 4.92 |
| 10 | 2.70 | 12.06 | 3.67 | 3.49 | 9.36 | 5.69 | 4.93 |
| 11 | 3.20 | 12.46 | 3.66 | 3.48 | 9.26 | 5.60 | 4.85 |
| 12 | 3.50 | 12.77 | 3.65 | 3.47 | 9.27 | 5.62 | 4.87 |
| Average 1-12 | 1.60 | 11.03 | 3.71 | 3.53 | 9.43 | 5.72 | 4.95 |

Fortified Samples

| | | | | | | | |
|----------------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|
| 13 | 0.09 | 9.56 | 3.73 | 3.54 | 9.47 | 5.74 | 4.95 |
| 14 | 0.97 | 12.10 | 4.35 | 4.14 | 11.13 | 6.77 | 5.88 |
| 15 | 1.93 | 12.04 | 3.95 | 3.76 | 10.10 | 6.15 | 5.34 |
| 16 | 3.46 | 12.75 | 3.66 | 3.48 | 9.29 | 5.63 | 4.88 |
| Average 14-16 | 1.61 | 11.61 | 3.92 | 3.73 | 10.00 | 6.07 | 5.26 |
| Average 1-16 | 1.60 | 11.18 | 3.77 | 3.58 | 9.57 | 5.81 | 5.03 |

All Results Are The Average Of At Least Duplicate Analysis.

Bruce Kuechle, Technical Director

References:

SMEDP 15.086, 15.114, 15.131, 15.133
AOAC 989.05, 991.20, 991.21, 991.23, 990.20, 990.21

**Calculations:

True Protein% = Total N Protein% - Non-Protein Nitrogen%
SNF% = Total Solids% - Fat%
Other Solids% = Total Solids% - Fat% - Total N Protein%
By Diff. Lactose% = Total Solids% - Fat% - Total N Protein%